	10/520470 Por receiving office use only 07 JAN 20	05
PCT	For receiving Office use only International Application No.	
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The undersigned requests that the present

International Application No.	
International Filing Date	
Name of receiving Office and "PCT Inter	national Application"
Applicant's or agent's file reference	

international application be processed according to the Patent Cooperation Treaty. Name of receiving Office and "PCT International Application"				
according to the Paris Deep result.	Applicant's or agent's f (if desired) (12 characte	ile reference 28404P WO		
Box No. I TITLE OF INVENTION	•			
RNA-interference by single-st	randed RNA m	olecules		
Box No. II APPLICANT This person	on is also inventor			
Name and address: (Family name followed by given name; for a legal er The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of reside		Telephone No.		
Max-Planck-Gesellschaft zur l		Facsimile No.		
der Wissenschaften e.V.		Teleprinter No.		
Hofgartenstraße 8	•	Tolepinier 140.		
80539 München DE		Applicant's registration No. with the Office		
State (that is, country) of nationality: DE	State (that is, country) DE			
for the purposes of.	States of America	the United States of America only the States indicated in the Supplemental Box		
Box No. III FURTHER APPLICANT(S) AND/OR (FUR				
Name and address: (Family name followed by given name; for a legal e The address must include postal code and name of country. The country o Box is the applicant's State (that is, country) of residence if no State of reside Tuschl, Thomas 504 East 63rd Street, #37R New York, NY 10021 USA	ntiy, full official designation. f the address indicated in this ence is indicated below.)	This person is: applicant only X applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office		
State (that is, country) of nationality:	State (that is, country)) of residence:		
DE	US			
Canada Canada the limited	ated States except I States of America	the United States of America only the States indicated in the Supplemental Box		
for the purposes of: States	d on a continuation sheet.			
Box No. IV AGENT OR COMMON REPRESENTATIVE				
The person identified below is hereby/has been appointed to a of the applicant(s) before the competent International Authorit	ct on behalf	Стерти		
Name and address: (Family name followed by given name; for a legal The address must include postal code and name of	entity, full official designation.	Telephone No. 089/455 63-0		
		Facsimile No.		
Weickmann & Weickmann		089/455 63-999		
Postfach 860 820 81635 München		Teleprinter No.		
DE DE		Agent's registration No. with the Office		
Address for correspondence: Mark this check-box wh space above is used instead to indicate a special address	ere no agent or common re to which correspondence	should be sent.		

Form PCT/RO/101 (first sheet) (March 2001; reprint July 2002)

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Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should not be included in the request.				
Name and address: (Family name followed by given name; for a legal entity.) The address must include postal code and name of country. The country of the a Box is the applicant's State (that is, country) of residence if no State of residence is Martinez, Javier 504 East 63rd Street, Apt. 15 New York, NY 10021	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
USA				
State (that is, country) of nationality: ES	State (that is, country) US			
This person is applicant all designated for the purposes of:		the United States of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name: for a legal entity, The address must include postal code and name of country. The country of the a Box is the applicant's State (that is, country) of residence if no State of residence is Patkaniowska, Agnieszka Rockefeller University, 1230 MAPP. 306, Box 186 New York, NY 10021 USA	s indicated below.) York Ave.,	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office		
State (that is, country) of nationality:	State (that is, country, US			
This person is applicant all designated for the purposes of:		the United States of America only the Supplemental Box		
Name and address: (Family name followed by given name: for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence Urlaub, Henning Reinhäuser Landstr. 41 37083 Göttingen DE	full official designation. address indicated in this is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office		
State (that is, country) of nationality: DE	State (that is, country DE	of residence:		
This person is applicant all designated all designated	States except tes of America	the United States of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal enting. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence is Lührmann, Reinhard Ewiges Tal 16 b 35041 Marburg-Michelbach DE		This person is: applicant only X applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office		
State (that is, country) of nationality:	State (that is, countr)	o) of residence:		
1 1112 Delaon is applicant.	DE States except ates of America	the United States the States indicated in the Supplemental Box		
for the purposes of: States Eurther applicants and/or (further) inventors are indicated or				
Further applicants and/or (turnier) inventors are materials				

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Mark the applicable check-baxes below; at least one must be marked.

The	- folio	wing designations are hereby made u	nder Ru	ie 4.9(a):				ļ
Ø	A ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line). EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, leaves and any other State which is a Contracting State of the Eurasian							
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		European Patent: AT Austria, BE! Republic, DE Germany, DK Denma IE Ireland, IT Italy, LU Luxembour TR Turkey, and any other State which	rk, ee g, MC	Monaco, NL Net	herlands. PT Portuga of the European Pat	al, Si ent (E S	weden, SI Slovenia, SK Slovakia, vention and of the PCT
		OAPI Patent: BF Burkina Faso, B GA Gabon, GN Guinea, GQ Equat TD Chad, TG Togo, and any other S of protection or treatment desired, sp	J Benii orial Gr tate wheelify or	n, CF Central Af uinea, GW Guin nich is a member n dotted line)	ea-Bissau, ML Mali, State of OAPI and a	MF Con	M: trac	auritania, NE Niger, SN Senegal, ting State of the PCT (if other kind
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	any do	esignation which is not confirmed befor ant at the expiration of that time limit.	(Confu	mation (including	fees) must reach the r	eceiv	ring 	Office within the 15-month time limit.)
	-PP							

Form PCT/RO/101 (second sheet) (January 2003)

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

"ADDITIONAL REPRESENTATIVES"

Names

Dipl.-Ing. Franz Albert Weickmann Dipl.-Chem. Bernhard Huber

Dr.-Ing. Horst Liska
Dipl.-Phys. Dr. Jörg Prechtel
Dipl.-Chem. Dr. Brigitte Böhm
Dipl.-Chem. Dr. Wolfgang Weiß
Dipl.-Phys. Dr. Johannes Tiesm

Dipl.-Phys. Dr. Johannes Tiesmeyer Dipl.-Phys. Dr. Markus Herzog

Dipl.-Phys. Bernhard Ruttensperger

Dipl.-Phys. Dr.-Ing. Volker Jordan Dipl.-Chem. Dr. Michael Dey

Form PCT/RO/101 (supplemental sheet) (March 2001)

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	Sheet No.	5	

Box No. VI PRIORITY				
The priority of the following	earlier application(s) is hereb			
Filing date	Number	, V	Vhere earlier application	15:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1)				
10.07.2002	02 015 532.1		EP	
item (2)				
23.08.2002	02 018 906.4		EP	
item (3)				
item (4)				
item (5)				
Further priority claims	are indicated in the Suppleme	ental Box.		
if the earlier application was above as: all items item * Where the earlier applicate Industrial Property or one Management of the International Scienternational Scienternational Scienternational search, indicate ISA	ion is an ARIPO application, in Member of the World Trade Of the World Trade Of TIONAL SEARCHING AU tearching Authority (ISA) (if the the Authority chosen; the two tearlier search; reference to thority): Num	item (3) item item indicate at least one country regarization for which that THORITY Two or more International co-letter code may be used:	y party to the Paris Convection was f	other, see Supplemental Box vention for the Protection of filed (Rule 4.10(b)(ii)): e competent to carry out the mut by or requested from the
	e are contained in Boxes No.	s. VIII (i) to (v) (mark the	applicable tration):	Number of declarations
	Declaration as to the iden		ŕ	:
Box No. VIII (i)			al tanamatican'i Elica	
Box No. VIII (ii)	date, to apply for and be			:
Box No. VIII (iii)	Declaration as to the applicate, to claim the priorit	plicant's entitlement, as at y of the earlier application	t the international filing n	:
Box No. VIII (iv)	Declaration of inventors United States of Americ	hip (only for the purposes a)	of the designation of the	: : 1
Box No. VIII (v)	Declaration as to non-pr	ejudicial disclosures or ex	ceptions to lack of nove	lty :

Form PCT/RO/101 (third sheet) (July 2002)

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v)
(in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only only is listed below) inventor of the subject matter which is claimed and for	or which a patcht is sought
This declaration is directed to the international application of which i	it forms a part (if filing declaration with application).
This declaration is directed to international application No. PCT/ to Rule $26ter$).	(if furnishing declaration pursuant
I hereby declare that my residence, mailing address, and citizenship a	are as stated next to my name.
I hereby state that I have reviewed and understand the contents of the soft said application. I have identified in the request of said application, i and I have identified below, under the heading "Prior Applications," to Organization, day, month and year of filing, any application for a paten States of America, including any PCT international application designate having a filing date before that of the application on which foreign prior Applications: EP 02 015 532.1 vom 1 Prior Applications: EP 02 018 906.4 vom 2	above-identified international application, including the claims in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade at or inventor's certificate filed in a country other than the United using at least one country other than the United States of America, riority is claimed. 0.07.2002 und 23.08.2002
I hereby acknowledge the duty to disclose information that is k 37 C.F.R. § 1.56, including for continuation-in-part applications, mater of the prior application and the PCT international filing date of the continuation.	ontinuation-in-part application.
I hereby declare that all statements made herein of my own knowledge are believed to be true; and further that these statements were made very made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or any	e are true and that all statements made on information and belief with the knowledge that willful false statements and the like so 1001 of Title 18 of the United States Code and that such willful patent issued thereon.
Name: . Tuschl, . Thomas	
Residence:	• • • • • • • • • • • • • • • • • • • •
Mailing Address:504 East 63rd Street, # New York, NY 10021, USA	
Citizenship: DE	
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date: X
Name: Martinez, Javier	
Residence: New York, USA (city and either US state, if applicable, or country)	
Mailing Address: 504 . East . 63rd. Street,	Apt. 15 M
New York. NY 10021. US	A
Citizenship: ES	
Inventor's Signature: X	Date: X
▼ This declaration is continued on the following sheet, "Continuation of the following sheet," **This declaration** **This declaration**	tion of Box No. VIII (iv)".

Form PCT/RO/101 (declaration sheet (iv)) (March 2001; reprint July 2002)

Continuation of Box No. VIII (i) to (v) DECLARATION If the space is insufficient in any of Boxes Nos. VIII (i) to (v) to furnish all the are to be named in Box No. VIII (iv), in such case, write "Continuation of the information in the same manner as required for the purposes of the Box in respect of two or more declarations, a separate continuation box must should not be included in the request.	he information, including in the case where more than two inventors f Box No. VIII" (indicate the item number of the Box) and furnish ox in which the space was insufficient. If additional space is needed be used for each such declaration. If this Box is not used, this sheet
Name: Patkaniowska, Agnieszka Residence: New York, USA	
(city and either US state, if applicable, or country) Mailing Address: Rockefeller Universi Box 186, New York, 1	MI 100511 0051
Citizenship: PL	
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of	Date: X
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Mailing Address: Reinhäuser Landstr 37083 Göttingen, Deu	tschland
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Name: Lührmann, Reinhard	
Name:	
Residence: Marburg-Michelbach, Deu (city and either US state, if applicable, or country)	
(city and either US state, if applicable, or country) Ewiges Tal 16 b Mailing Address:	
Mailing Address: 35041, Marburg-Miche	lbach. Deutschland
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Citizenship: DE. Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
Name:	······································
Residence: (city and either US state, if applicable, or country)	
Mailing Address:	
Citizenship:	
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of	declaration that is corrected or added under Rule 26ter after the

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Form PCT/RO/101 (continuation sheet for declaration) (March 2001)

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Box No. IX CHECK LIST; LANGUAGE O	of filing	
This international application contains: (a) the following number of	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items
sheets in paper form:	1. X fee calculation sheet	: 1
request (including	2. 🔼 original separate power of attorney	: 2
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description (excluding sequence listing part) : 43	nower of attorney; reference number.	
claims : 4	if any:	:
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drawings :25	designation identified in Box No. VI as	_
Sub-total number of sheets: 81	6. X priority documents(s) tables item(s):	: 2
sequence listing part of description (actual number	7. translation of international application into (language):	:
of sheets if filed in paper form, whether or not also	8. separate indications concerning deposited microorganis or other biological material	m :
filed in computer readable form; see (b) below)	in computer readable form (indicate also	o type
Total number of sheets : 81	and number of carriers (diskens, CD-ROM, CD-R of our	1 ¹ 11 11 11 11 11 11 11 11 11 11 11 11 1
(b) sequence listing part of description filed in	(i) copy submitted for the purposes of international under Rule 13 ter only (and not as part of the	search .
computer readable form	international application)	in left
(i) ☐ only (under Section 801(a)(i)) (ii) ☐ in addition to being filed in paper	(ii) (only where check-box (b)(i) or (b)(ii) is marked column) additional copies including, where appl	toanic,
form (under Section 801(a)(u))	the copy for the purposes of international search Rule 13ter	under :
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the	(iii) together with relevant statement as to the identity	y nat
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copies to be indicated under item 9(ii), in right column):	mentoded in left column	•
right columny.	10. other (specify):	
Figure of the drawings which	Language of filing of the english	
should accompany the abstract:	international application:	
Box No. X SIGNATURE OF APPLICAL	NT, AGENT OR COMMON REPRESENTATIVE	rom reading the request).
Next to each signature, indicate the name of the person s	igning and the capacity in which the person signs (if such capacity is not obvious fi	
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D. 100		
Dr. W.	Weiß	
	For receiving Office use only	2. Drawings:
1. Date of actual receipt of the purported		Z. Diawings.
international application:		received:
Corrected date of actual receipt due to lat timely received papers or drawings comp the purported international application:	er but leting	
		not received:
4. Date of timely receipt of the required corrections under PCT Article 11(2):		
5. International Searching Authority (if two or more are competent): ISA		
	For International Bureau use only	
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Date of receipt of the record copy by the International Bureau:		
by the international Dates.		

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